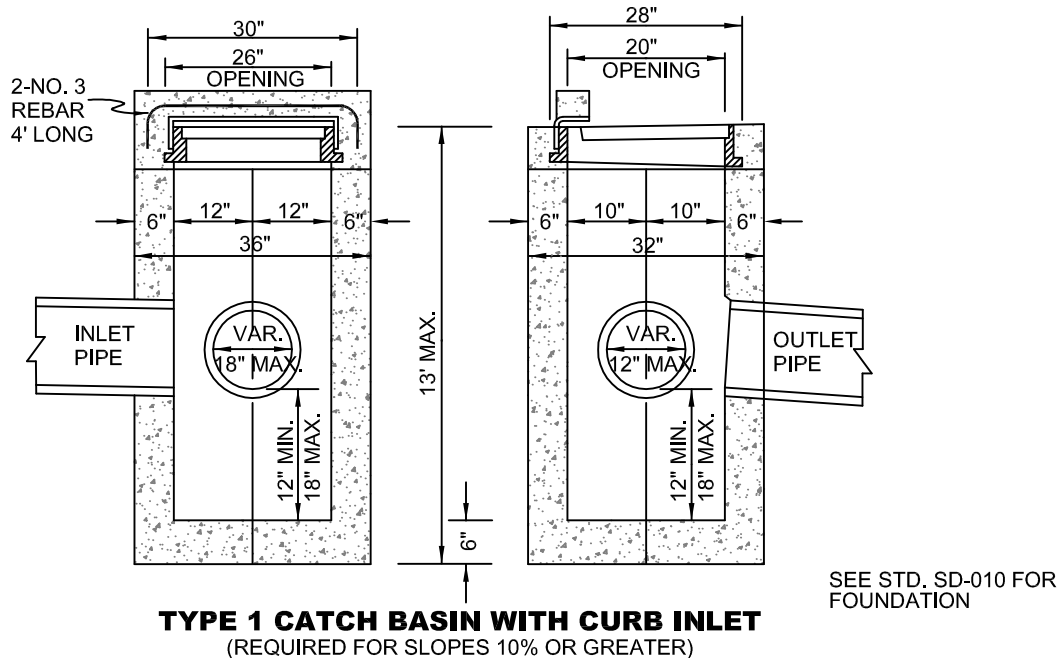


TYPE 1 CATCH BASIN WITH STD. FRAME AND GRATE



NOTES:

- CONSTRUCTION OF CAST-IN-PLACE BASES, INCLUDING SLIP-FORM METHOD, ARE NOT PERMITTED WITHOUT APPROVAL OF THE ENGINEER.
- PIPE ENDS SHALL BE FLUSH WITH THE INNER WALL OR 1" MAX. INTRUSION.
- MASONRY, CINDER BLOCKS, OR SIMILAR MATERIALS MAY BE USED TO ADJUST THE CURB INLET TO GRADE PRIOR TO GROUTING. WOOD OR OTHER NON-DURABLE MATERIALS SHALL NOT BE USED FOR THIS PURPOSE.
- GROUTING SHALL BE SUFFICIENT TO PREVENT LEAKS BETWEEN THE PRECAST COMPONENTS OF THE COMPLETED STRUCTURE.
- VANED GRATES REQUIRED ON ALL CATCH BASINS FOR SLOPE EXCEEDING 7%.
- THE METAL FRAME & GRATE SHALL BE SET TO A SLOPE TO CONFORM TO THE PARTICULAR DRAINAGE PROBLEM. THE METAL FRAME SHALL BE INSTALLED WITH FLANGE DOWN.
- CATCH BASIN FRAME & GRATE SHALL BE IN ACCORDANCE WITH STD. SPECIFICATIONS & MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATIONS RR-F-621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
- ALL CONCRETE SHALL BE CLASS 3000 MINIMUM.
- ALL REINFORCED STEEL SHALL HAVE 1-1/2" CLEAR COVER UNLESS OTHERWISE NOTED & SHALL BE GRADE 40 OR GRADE 60.